

Suppressors of Cytokine Signaling 2 and 3 Diametrically Control Macrophage Polarization

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In the version of this article originally published, the key for (G)–(I) in [Figure 7](#) was mislabeled. The revised [Figure 7](#) and legend appear here. The authors apologize for any confusion this error may have caused.

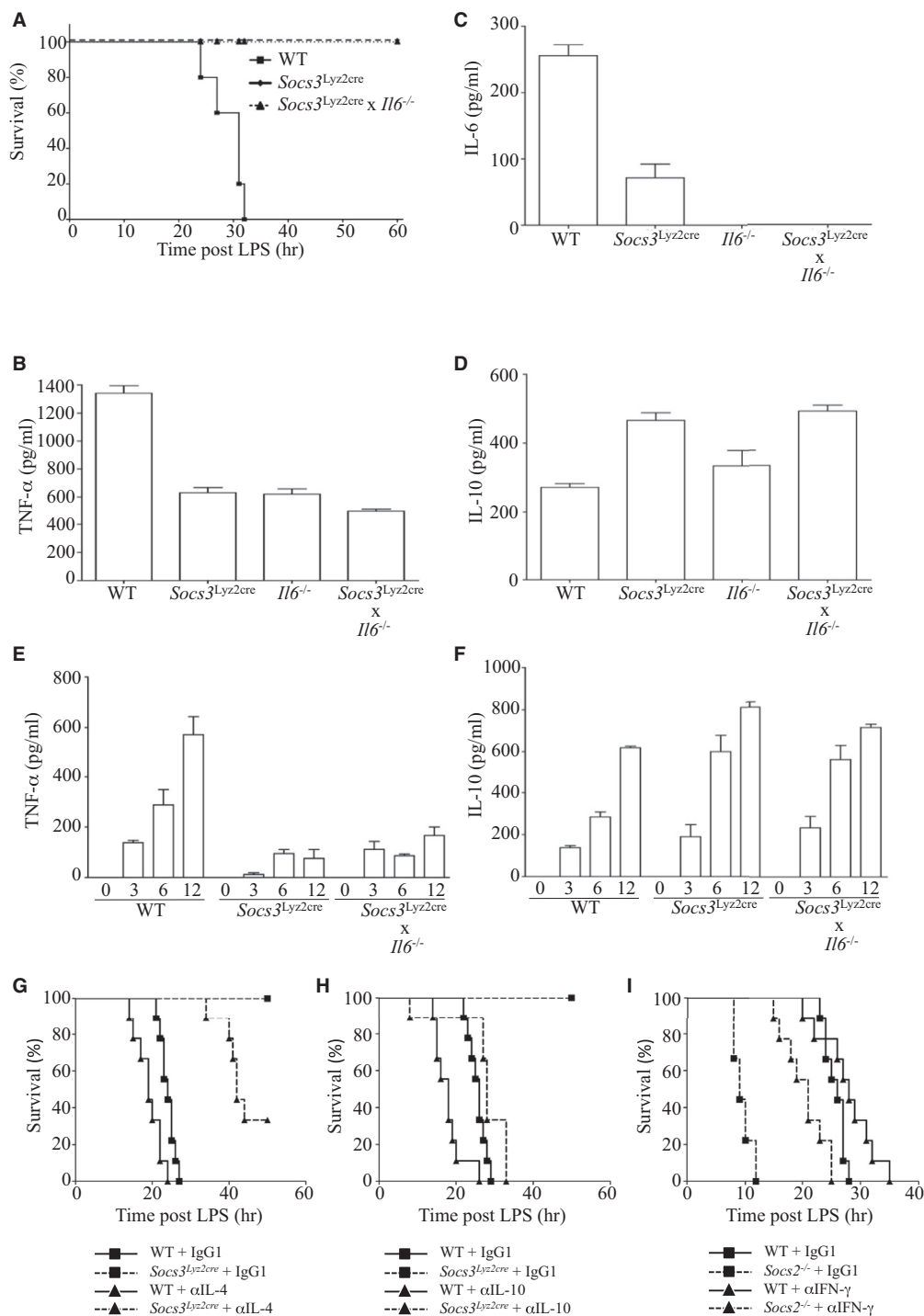


Figure 7. IL-10 Required to Prevent Sepsis in Presence of SOCS3-Polarized Macrophages

WT, *Socs3^{Ly2cre}*, and *Il6^{-/-} x Socs3^{Ly2cre}* mice were injected i.p. with 6 mg/kg ultrapure LPS, and survival was monitored over 60 hr.

(A) Representative Kaplan-Meier plots after LPS challenge.

(B–D) TNF- α (B), IL-6 (C), and IL-10 (D) responses to 10 ng/ml LPS were measured in peritoneal macrophages in vitro by ELISA. Statistical significance was determined with two-way ANOVA and Bonferroni post hoc test ($p \leq 0.001$). Data are represented as mean \pm 1 SEM.

(E and F) Serum cytokine TNF- α and IL-10 over time in response to lethal LPS measured by ELISA.

(G–I) WT and *Socs3^{Ly2cre}* were injected i.p. with 0.25 mg/kg anti-IL-4 (clone 11B11) (G), 0.5 mg/kg anti-IL-10R (clone 11B1.3a) (H), or WT and *Socs2^{-/-}* with 0.5 mg/kg anti-IFN- γ (clone R4-6A2) (I), 24 hr prior to receiving 6 mg/kg ultrapure LPS i.p. and after every subsequent 24 hr period. Survival was monitored over the course of 50 hr. Representative Kaplan-Meier plots after LPS challenge presented; statistical significance determined by log rank test. Data are representative of two independent experiments (nine mice per group).